



SEQUENCE LISTING

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Alexander, Jeffery L.
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<120> Alteration of Immune Response Using Pan DR-Binding Peptides

<130> 018623-006240US

<140> US 09/709,774
<141> 2000-11-08

<150> US 08/121,101
<151> 1993-09-14

<150> US 08/305,871
<151> 1994-09-14

<150> US 60/010,510
<151> 1996-01-24

<150> US 08/788,822
<151> 1997-01-23

<160> 22

<170> PatentIn Ver. 2.1

<210> 1
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<400> 1
Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr
1 5 10

<210> 2
<211> 24
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:MBP 78-101

<400> 2
Gly Arg Thr Gln Asp Glu Asn Pro Val Trp His Phe Phe Lys Asn Ile
1 5 10 15
Val Thr Pro Arg Thr Pro Pro Pro
20

<210> 3
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:MT 65 kd 3-13

<400> 3
Tyr Lys Thr Ile Ala Phe Asp Glu Glu Ala Arg Arg
1 5 10

<210> 4
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:717.01
combinatorial

<400> 4
Tyr Ala Arg Phe Gln Ser Gln Thr Thr Leu Lys Gln Lys Thr
1 5 10

<210> 5
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Tet Tox 830-843

<400> 5
Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu
1 5 10

<210> 6
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Tet Tox
1272-1284

<400> 6
Asn Gly Gln Ile Gly Asn Asp Pro Asn Arg Asp Ile Leu
1 5 10

<210> 7
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:RQIV

<400> 7
Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala
1 5 10 15

Ala

<210> 8
<211> 14
<212> PRT
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<220>
<223> Description of Artificial Sequence:Ova 323-336

<400> 8
Ile Ser Gln Ala Val His Ala Ala His Ala Glu Ile Asn Glu
1 5 10

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<223> Description of Artificial Sequence:lambda rep
12-26

<400> 9
Tyr Leu Glu Asp Ala Arg Arg Leu Lys Ala Ile Tyr Glu Lys Lys Lys
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<210> 10
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:HEL 46-61

<400> 10
Tyr Asn Thr Asp Gly Ser Thr Asp Tyr Gly Ile Leu Gln Ile Asn Ser
1 5 10 15

Arg

<210> 11
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<220>
<223> Description of Artificial Sequence:HBVnc 50-69

<400> 11
Pro His His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu
1 5 10 15

Met Thr Leu Ala
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<210> 12
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<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:CS 378-398

<400> 12
Asp Ile Phe Lys Lys Ile Ala Lys Met Glu Lys Ala Ser Ser Val Phe
1 5 10 15

Asn Val Val Asn Arg
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<210> 13
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:MT (Y)17-31

<400> 13
Tyr Ser Gly Pro Leu Lys Ala Glu Ile Ala Gln Arg Leu Glu Asp Val
1 5 10 15

<210> 14
<211> 13
<212> PRT
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<223> Description of Artificial Sequence:HBVc 128-140

<400> 14
Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu
1 5 10

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<212> PRT
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<223> Description of Artificial Sequence:PLP 139-151

<400> 15
His Ser Leu Gly Lys Trp Leu Gly His Pro Asp Lys Phe
1 5 10

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<212> PRT
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<223> Description of Artificial Sequence:R-4 in pan DR binding peptide formula

<400> 16
Trp Thr Leu Lys
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<210> 17
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<220>
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<222> (3)
<223> Xaa = cyclohexylalanine

<400> 17
Ala Ala Xaa Ala Ala Ala Lys Thr Ala Ala Ala Ala
1 5 10

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<212> PRT
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<400> 18
Ala Ala Xaa Ala Ala Ala Ala Thr Leu Lys Ala Ala Ala
1 5 10

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<212> PRT
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<220>
<223> Description of Artificial Sequence:Pan DR binding peptide

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<223> Xaa = cyclohexylalanine

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<210> 20
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<220>
<223> Description of Artificial Sequence:Pan DR binding peptide

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<223> Xaa = cyclohexylalanine

<400> 20
Ala Ala Xaa Ile Ala Ala Ala Thr Leu Lys Ala Ala Ala
1 5 10

<210> 21
<211> 13
<212> PRT
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<220>
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<220>
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<400> 21
Ala Lys Xaa Val Ala Ala Trp Thr Leu Lys Ala Ala Ala
1 5 10

<210> 22
<211> 13
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Pan DR binding peptide

<400> 22
Ala Lys Phe Val Ala Ala Trp Thr Leu Lys Ala Ala Ala
1 5 10